

NJDOT Bureau of Research
QUARTERLY PROGRESS REPORT

Project Title:	Criteria for Multimodal Rehabilitation versus Maintenance	
RFP NUMBER: 7841209	NJDOT RESEARCH PROJECT MANAGER: Daniel LiSanti	
TASK ORDER NUMBER: 24	PRINCIPAL INVESTIGATOR: Christopher Lamm	
Project Starting Date: 8/16/2013 Project Ending Date: 2/15/2014	Period Starting Date: 10/01/2013 Period Ending Date: 12/31/2013	

Task	% of Total Project Budget	Total Budget	% of Task This Quarter	Cost This Quarter	% of Task to Date	Total Cost to Date
1. Literature Review and Interviews	42%	\$21,560	65%	\$ 13,971	145%	\$ 31,361
2. Recommended Threshold Criteria for Multimodal Grants	39%	\$20,440	30%	\$ 6,132	30%	\$ 6,132
3. Final Report	19%	10,220	0%	\$ 0	0%	\$ 0
TOTAL	100%	\$52,220.00	38%	\$ 20,103	72%	\$ 37,493

Project Objectives:

The purpose of this project will be to help the Bureau of Multimodal Grants and Programs to resolve conflicting information regarding the types of projects that qualify for grants supported by the New Jersey Transportation Trust Fund (TTF). Specifically, the threshold between “routine (or scheduled) maintenance,” which the TTF cannot support, and “rehabilitation” project, which can be supported by the TTF, appears to be inconsistent, according to the research problem posed. To resolve this conflict, this project aims to:

- Examine state-of-the-practice definitions for the terms “routine/scheduled maintenance,” “rehabilitation,” and “reconstruction,” based upon the body of transportation planning and engineering literature, laws and statutes of other states and federal agencies;
- Prepare recommended policy definitions of these terms for NJDOT to incorporate into office policy (and into rulemaking and legislation if necessary); and
- Develop recommended criteria for classifying candidate projects (or components of candidate projects) for the NJDOT Multi-Modal Grants program as maintenance, rehabilitation, or reconstruction; and

Project Abstract:

For the New Jersey Department of Transportation (DOT), Cambridge Systematics is researching state and Federal requirements, design guidelines, and best practices in order to determine the threshold between rail and aviation projects that are considered routine or

scheduled maintenance versus those that are better classified as rehabilitation projects. This effort is developing policy definitions that will be used to classify candidate projects for the New Jersey DOT Bureau of Multimodal Grants and Programs Rail Freight Assistance Program and Aeronautics Grants Program. Cambridge Systematics also is conducting reviews of literature, interviews with rail and aviation officials in Federal and state agencies, and a workshop with DOT staff.

1. Progress this Quarter by Task

Task 1:

- CS and FHI conducted interviews with federal, New Jersey, other states, and private sector rail and aviation engineers, planners, and grants program administrators
- CS and FHI prepared a draft Task 1 technical memorandum summarizing the approach and findings of the literature review and interviews

Task 2:

- Using the Task 1 findings, CS and FHI began drafting “strawman” working definitions of the terms “maintenance” and “rehabilitation” for the aeronautics and rail grants programs, and a list of key issues and considerations, for use in an upcoming meeting with NJDOT.

2. Proposed activities for next quarter by task

Task 1:

- CS and FHI will incorporate comments and requested edits to the Task 1 technical memorandum upon request from NJDOT

Task 2:

- CS and FHI will convene a working meeting with NJDOT to review Task 1 findings and review “strawman” working definitions of key terms and project categorization criteria;
- CS and FHI will submit a draft Task 2 Technical Memorandum to NJDOT for review and comments;
- CS and FHI will submit a final Task 2 Technical Memorandum to NJDOT for review and comments;

3. List of deliverables provided in this quarter by task (product date):

- Task 1 Draft Technical Memorandum (12/31/2013)

4. Progress on Implementation and Training Activities:

- No work on implementation or training in this period

5. Problems/Proposed Solutions:

- No problems to report during this period.

Total Project Budget	\$52,220.00
Contract Amount:	\$52,220.00

Total Project Expenditure to date	\$37,493.00
% of Total Project Budget Expended	72%